

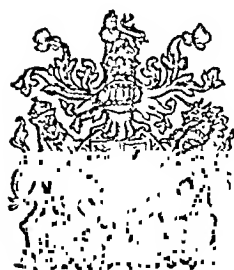


# REVENUE REPORT

ON

## The Irrigation Works of the Ajmer-Merwara District

For the year 1922-23





# RAJPUTANA PROVINCE.

## Public Works Department.

### IRRIGATION BRANCH.

Chief Commissioner's review of the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1922-23.

No. 231-S.

*Dated Mount Abu, the 31st March 1924.*

READ—

Memorandum No. 2626-IX—21 (1)-III, dated the 13th February 1924, from the Commissioner of Ajmer-Merwara forwarding the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1922-23, together with the usual appendices.

#### OBSERVATIONS.

1. The average rainfall during the year 1922-23 was 16.57 inches as against 17.91 inches in 1921-22 and a normal of 21 inches.

2. From an irrigation point of view the year under report was fairly satisfactory, the outturn of Rabi and Kharif harvests being fair. The total gross revenue assessed for the year amounted to Rs. 1,26,769 as compared with Rs. 1,14,812 for 1921-22.

The financial results of the year are tabulated below :—

Sub-Collectorate.	TOTAL CAPITAL OUTLAY INCLUDING DIRECT CHARGES.		GROSS REVENUE COLLECTIONS.			WORKING EXPENSES.			Net Revenue.	Percentage of net revenue on Capital at end of 1922-23.
	During the year.	To end of the year.	Irrigation Revenue.	Miscellaneous receipts.	Total.	Direct.	Indirect.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Ajmer . . . . .	...	18,61,805	47,579	2,653	50,232	65,614	3,215	68,729	—18,497	—0.99
Beawar . . . . .	...	11,94,229	31,331	1,745	33,076	19,222	944	20,166	12,910	1.08
Todgarh . . . . .	1,952	4,91,899	20,292	335	20,627	35,888	1,766	37,154	—16,127	—3.35
Total for 1922-23 . . .	1,952	85,47,933	99,202	4,733	1,03,935	1,20,124	5,925	1,26,049	—22,114	—0.62
Total for 1921-22 . . .	37,956	35,45,981	1,07,262	6,578	1,13,840	1,10,206	5,093	1,15,299	—1,459	—0.04

Two diagrams of financial and working records are attached.

3. The following table compares the Irrigation revenue assessed for the year 1921-22 with the area irrigated and protected :—

Sub-Collectorate.	Irrigation Revenue assessed.	AREA IN ACRES.			Assessment per acre.
		Irrigated.	Protected.	Total.	
	Rs.	Rs.	Rs.	Rs.	
Ajmer . . . . .	37,090	5,953	1,423	7,376	5.08
Beawar . . . . .	31,046	2,583	5,423	8,006	3.87
Todgarh . . . . .	20,071	1,288	1,939	3,227	6.21
Total for 1922-23 . . . . .	88,207	9,824	8,785	18,609	4.74
Total for 1921-22 . . . . .	1,03,234	16,660	6,771	23,431	4.61

The Irrigated Revenue assessed includes all assessments due to protected as well as irrigated areas, and also the fixed yearly assessment of

(a) Rs. 35,798 on crops irrigated from wells, and

(b) Rs. 7,395 on account of difference between dry and wet rates.

Of the area irrigated 5,943 acres were cultivated under *Kharif* and 3,881 acres under *Rabi* as compared with 10,168 and 6,492 acres, respectively, in 1921-22.

No remissions were made during the year under report.

The outstandings of revenue demand at the end of 1922-23 aggregated Rs. 22,345.

4. The working expenses were distributed as follows :—

Details of working expenses.	1921-22.	1922-23.	Increase (+) or Decrease (—).
	Rs.	Rs.	Rs.
Extensions and Maintenance . . . . .	70,821	75,962	+5,141
Establishment . . . . .	36,939	42,074	+5,135
Tools and Plant . . . . .	2,446	1,628	—818
<i>Sundries.</i>			
Suspense . . . . .	...	541	+541
Deduct—Recoveries on Revenue account . . . . .	...	—81	—81
Leave and Pension allowances . . . . .	4,385	5,165	+780
Audit and Account Establishment . . . . .	708	760	+52
	1,15,299	1,26,049	10,750

The working expenses per acre irrigated and protected rose from Rs. 4.92 in 1921-22 to Rs. 6.77 in 1922-23. The increase is due to the area irrigated in 1922-23 being less than that of the previous year by 4,822 acres and to more expenditure to the extent of Rs. 10,750 mainly in the Ajmer and Todgarh Sub-Collectorates.

5. The value of crops raised on 18,609 acres during 1922-23 was estimated at Rs. 6,61,016. The principal crops were cotton, barley, maize, mixed grains and wheat, and their estimated values were Rs. 2,04,211, 1,05,239, 1,47,014, 72,694 and 56,750 respectively.

6. During the year experiments were made to ascertain the outturn of cotton, maize and gujji (barley and wheat) in the Ajmer Tehsil and maize in the Todgarh Tehsil. The results are shown in statement No. VI attached, prescribed under rule 49 of the Irrigation Rules.

*Ordered.*—That this review, together with the papers read in the preamble, be printed and 12 copies furnished to the Government of India under a covering letter and 2 advance copies each to the Public Works and Revenue and Statistics Departments of the India Office.

H. J. OLIPHANT,

*Secretary to the Hon'ble the Chief Commissioner,*

*Ajmer-Merwara, in the Public Works Department.*

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# Revenue Report on the Irrigation works of the Ajmer-Merwara District for the year ending 31st March 1923.

I. *Rainfall*.—The average rainfall during the year 1922-23 was 16 inches 57 cents as against 17 inches 91 cents in the previous year, the normal being 21 inches. During the year under report (which comprises Rabi 1329 Fasli and Kharif 1330 Fasli) the outturn of both the harvests was fair.

II. *Classification of tanks*.—There was no change in the classification of tanks.

III. *Capital outlay*.—The total capital outlay to the end of March 1923 amounted to Rs. 35,47,933. The expenditure incurred during the year was Rs. 1,952 as detailed below :—

	Rs.
Direct charges, works, establishment, tools and plant and suspense account . . . . .	1,952
Indirect charges, Leave and pension allowance . . . . .	Nil
Total . . . . .	1,952

IV. *Assessed Revenue*—The gross revenue assessed is compared below with the figures of the previous five years :—

	1921-22. Rs.	1922-23. Rs.
Ajmer . . . . .	52,997	58,097
Merwara . . . . .	60,342	68,325
P. W. D. . . . .	1,473	347
Total . . . . .	1,14,812	1,26,769

Gross revenue :—

	Rs.
1922-23 . . . . .	1,26,769
1921-22 . . . . .	1,14,812
1920-21 . . . . .	1,12,127
1919-20 . . . . .	1,12,129
1918-19 . . . . .	92,388
1917-18 . . . . .	1,12,385

The assessments of 1922-23 and 1921-22 for the different classes of tank are compared as follows :—

Class of tank.	1921-22.			1922-23.			Difference between the figures of 1921-22 and 1922-23.
	Ajmer.	Merwara	Total.	Ajmer.	Merwara.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Crop rate tanks . . . . .	2,831	6,168	8,999	2,185	3,490	5,675	—3,324
Variably assessed tanks . . . . .	25,117	12,673	37,790	14,032	7,628	21,660	—16,160
Fixed tanks . . . . .	5,214	13,038	18,252	4,927	12,782	17,709	—543
Share of well assessment and difference between dry and wet rates.	15,976	27,217	43,193	15,976	27,717	43,193	
Miscellaneous . . . . .	3,859	1,246	5,105	2,302	2,007	4,309	—796
Total . . . . .	52,997	60,342	1,13,339	39,392	53,124	92,516	—20,823
Add amount realised by P. W. D.	268	1,205	1,473	298	49	347	—1,126
GRAND TOTAL . . . . .	53,265	61,547	1,14,812	39,690	53,173	92,863	—21,949

The decrease is due to insufficiency of water in tanks.

V. The total area assessed for both the harvests amounted to 18,609 $\frac{3}{4}$  acres as against 23,431 acres in the preceding year.

The area is compared below with the figures of the previous five years :—

Year.	Acres.
1917-18 . . . . .	20,161 $\frac{1}{2}$
1918-19 . . . . .	14,581 $\frac{7}{8}$
1919-20 . . . . .	26,804 $\frac{5}{8}$
1920-21 . . . . .	24,397
1921-22 . . . . .	23,431 $\frac{1}{8}$
1922-23 . . . . .	18,609 $\frac{3}{4}$

The figures of *Kharif* and *Rabi* cultivation for the two previous years are compared below with those of 1922-23 :—

Year.	<i>Kharif</i> .	<i>Rabi</i> .	TOTAL.
	Acres.	Acres.	Acres.
1920-21 . . . . .	11,952	12,445	24,397
1921-22 . . . . .	11,535 $\frac{2}{3}$	11,835 $\frac{7}{8}$	23,431 $\frac{1}{8}$
1922-23 . . . . .	9,192 $\frac{1}{4}$	9,417 $\frac{1}{2}$	18,609 $\frac{3}{4}$

VI. The following table shows the figures of demand, collection and balance of the year 1922-23, as compared with those of the previous five years :—

District or Tahsil.	Assessment of the year.	BALANCE OF LAST YEAR.		Total.	DEDUCTIONS FOR THE YEAR.					Actual collections.
		Due at the end of the year.	Net due at the end of the year.		Balance due at the end of the year.	Balance not due at the end of the year.	Remissions.	Adjustment of excess collection.	Total.	
Ajmer . . . . .	39,392	1,899	16,806	58,097	969	6,681	...	...	7,650	50,447
Beawar . . . . .	32,720	269	10,468	43,457	...	10,452	...	...	10,452	33,005
Todgarh . . . . .	20,404	...	4,461	24,868	...	4,243	...	...	4,243	20,625
Total . . . . .	92,516	2,168	31,738	1,26,422	969	21,376	...	...	22,345	1,04,077
Add amount realized by P. W. D.	347	...	...	347	...	...	...	...	...	347
GRAND TOTAL . . . . .	92,863	2,168	31,738	1,26,769	969	21,376	...	...	22,345	1,04,424
Figures for—										
1921-22 . . . . .	1,14,812	2,196	39,607	1,47,615	2,168	31,600	...	...	33,768	1,13,840
1920-21 . . . . .	1,12,127	1,320	38,354	1,51,801	2,196	30,607	...	...	32,803	1,18,998
1919-20 . . . . .	1,12,129	10,760	13,463	1,36,352	1,320	38,355	8,143	...	47,818	88,534
1918-19 . . . . .	92,888	2,112	52,888	1,47,388	12,500	13,451	...	...	25,951	1,21,438
1917-18 . . . . .	1,12,385	4,044	56,280	1,73,650	2,112	52,888	44	...	55,044	1,17,615.



VII. *Remissions*.—No remissions were made during the year under report.

VIII. *Working expenses*.—The working expenses amounted to Rs. 1,26,049 as against 1,15,299 in 1921-22 and 1,07,890 in 1920-21.

The details of expenditure in accordance with the statement furnished by the Accountant-General, P. W. D., are as follows:—

(a) Revenue management . . . . .	8,271
* (b) Cost of maintenance . . . . .	1,11,853
(c) Indirect charges . . . . .	5,925
Total . . . . .	<u>1,26,049</u>
* Works and repairs . . . . .	75,962
Establishment . . . . .	33,803
Tools and plants . . . . .	1,623
Sundries . . . . .	460
	<u>1,11,853</u>

The expenditure of the year as compared with that of the previous year shows an increase of Rs. 10,750, which is mainly due to higher expenditure in Ajmer sub-collectorate.

IX. *Percentage on revenue and area assessed*.—The working expenses which amounted to Rs. 1,26,049 were more than the gross revenue assessed by Rs. 33,186.

The incidence of the working expenses on the area assessed was Re. 1 on 15 acres.

X. The actual revenue collected amounted to Rs. 1,04,424 and the working expenses to Rs. 1,26,049, showing a deficit of Rs. 21,625.

XI. *Experimental cuttings*.—During the year under report experiments were made to ascertain the outturn of maize, cotton and gujji (barley wheat) and the results are shown in statement VI prescribed under rule 49 of the Irrigation rules.

XII. *Area and value of different kinds of crops*.—The total area and estimated value of the produce of different kinds of crops irrigated in 1922-23 as compared with those of 1921-22 are as shown below:—

District.	CROP RATE TANKS		FIXED AND VARIABLE TANKS.		TOTAL FOR 1922-23.		TOTAL FOR 1921-22.	
	Area.	Estimated value.	Area.	Estimated value.	Area.	Estimated value.	Area.	Estimated value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Ajmer . . . . .	709½	31,925	6,667	2,52,236	7,376½	2,84,161	8,485	2,07,072
Merwara . . . . .	1,225½	44,402	10,007½	3,32,452	11,233½	3,76,854	14,946½	7,73,128
Total . . . . .	1,935½	76,327	16,674½	5,84,688	18,609½	6,61,015	23,431½	9,80,200

E. C. GIBSON, I. C. S.,  
Commissioner, Ajmer Merwara.

## IRRIGATION WORKS IN RAJPUTANA.

Memo. explaining the increase in the working expenses of 1922-23 compared with those of 1921-22.

Working expenses.	1921-22.	1922-23.	Difference between the actuals of 1921-22 and 1922-23.	Explanation of difference.
	Rs.	Rs.	Rs.	
Extraordinary maintenance . . . . .	70,821	75,062	5,141	Higher expenditure in Ajmer and Todgarh Sub-Collectorates account for the increase.
Establishment . . . . .	37,979	42,071	6,195	
Tools and Plant . . . . .	2,416	1,628	-818	
<i>Surveys —</i>				
Sargodha . . . . .	...	541	541	
Defence Board . . . . .	...	81	81	
Less and For, survey charges . . . . .	4,585	5,105	760	
And and Accounts Payable . . . . .	768	760	-82	
Total . . . . .	1,15,299	1,26,049	10,750	

B. L. NEHRU,  
Deputy Accountant-General,  
for Accountant-General, United Provinces.

IRRIGATION BRANCH.

Capital account of Irrigation Works in Rajputana for and to end of the year 1922-23.

B. L. NEHRU,  
Deputy Accountant-General,  
for Accountant-General, United Provinces.

Statement showing the financial results of Irrigation works in Rajputana for the year ending the 31st March 1923.

Realisation under main heads of Revenue and Working Expenses.

[illegible]

B. L. NEERU,

*Deputy Accountant-General,*

for Accountant-General, United Provinces.

## RAJPUTANA PROVINCE.

Revised statement showing the Financial results of Irrigation Works for, and up to the end of, 1922-23.

GENERAL FINANCIAL RESULTS TO END OF 1922-23.										FINANCIAL RESULTS OF THE YEAR 1922-23.																							
1	2	Mileage in operation		3	4	Estimated cost of construction (direct and indirect).	5	Date of completion of work (P. W. Code II, 1918).	6	6a	Total capital outlay (direct and indirect).	8	Accumulated arrears of interest.	9	Accumulated surplus revenues.	10	Total annual-charge (column 7 + column 8).	11	12	Net revenue.	14	Percentage on Capital outlay, column 7.	15	Percentage on annual-charge, column 10.	16	17	Net profit.	18	Net loss.	19	Area irrigated.	20	Percentage of working expenses to receipts (column 11 to column 12.)
		Main canals and branches.	Distributaries.																														
UNPRODUCTIVE WORKS.																																	
A.—IRRIGATION WORKS.																																	
	Tanks in Ajmer	...	...	...	...	18,61,805	...	...	...	...	18,61,805	15,26,932	...	...	33,88,737	50,232	68,729	—18,497	—0.99	—0.55	50,598	...	78,095	...	736-82								
	Sub-collectorate	...	...	...	...	11,94,229	...	...	...	...	11,94,229	7,20,249	...	...	19,14,478	33,076	20,166	12,910	1.08	0.67	89,488	...	28,578	...	60-97								
	Tanks in Beawar	...	...	...	...	4,78,789	...	...	...	...	4,91,899	1,65,624	...	...	6,57,528	20,627	37,154	—16,527	—3.36	—2.51	15,849	...	32,376	...	180-12								
	Sub-collectorate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tanks in Todgarh	...	...	...	...	35,34,823	...	...	...	...	35,47,933	24,12,805	...	...	59,60,738	1,03,935	1,26,019	—22,114	—0.62	—0.37	1,14,935	...	1,37,049	...	131-28								
	Sub-collectorate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	TOTAL	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

J. S. CHAKRAVARTI,

Accountant-General, United Provinces.

### III-C.

#### Demands and realisations during the year 1922-23 in Ajmer-Merwara District.

Class of works.	BALANCE OF DEMAND UNREALISED AT COMMENCEMENT OF THE YEAR.			DEMANDS OF THE YEAR.						Total including balance at commencement of the year.	Deduct remissions not including cash refunds.	Net total.	DEBIT AMOUNT UNREALISED AT CLOSE OF THE YEAR.		Actual Receipt of the year.	REMARKS.	
	Due.	Not due on account of Rabi.	Total	Water Revenue.		Share of well users.	Difference between dry and wet rates.	Miscellaneous.	Total.				Due.	Not due.			
				Kharif.	Rabi.												
CROP RATE TANKS.																	
Ajmer Sub-collectorate	1,388	2,109	3,497	1,182	1,003	...	...	494	2,679	6,176	...	6,176	846	1,003	4,327		
Beawar do.	...	2,243	2,243	751	1,624	...	...	453	2,828	5,076	...	5,076	...	1,624	3,452		
Todgarh do.	...	1,239	1,239	308	807	...	..	135	1,250	2,489	...	2,489	...	807	1,682		
Total	1,388	5,596	6,984	2,241	3,434	...	...	1,082	6,757	13,741	...	13,741	846	3,434	9,461		
FIXED AND VARIABLY ASSESSED OLD TANKS.																	
Ajmer Sub-collectorate	511	14,697	15,208	13,250	5,679	12,471	3,505	1,808	36,713	51,921	..	51,921	123	5,678	46,120		
Beawar do.	269	8,220	8,489	5,770	8,828	10,769	3,301	1,221	29,892	38,381	...	38,381	...	8,828	29,553		
Todgarh do.	...	3,225	3,225	2,376	3,436	12,558	586	108	19,151	22,379	...	22,379	...	3,436	18,943		
Total	780	26,142	26,922	21,396	17,943	35,798	7,395	3,237	85,759	1,12,681	...	1,12,681	123	17,942	94,616		
GRAND TOTAL	2,168	31,738*	33,906	23,637	21,377	35,798	7,395	4,309	92,516	1,26,422	...	1,26,422	969	21,376	1,04,077		

\* The increase of Rs. 189 as compared with last year's figures is due to the fact that Khatoni's of certain villages were revised after submission of the Report.

E. C. GIBSON, I.C.S.,

Commissioner, Ajmer-Merwara.

## IV-C.

Statement showing the Financial Result of Irrigation works in Ajmer-Merwara for the year 1922-23 based on assessment of the year.  
Principal results and operations for the year ended 31st March 1923.

CITY OF BOSTON	REVENUE ASSESSMENT DURING THE YEAR.										Working Expenses, direct and indirect.	Not assessed for value of the year.	Percentage on Capital Outlay to end of year.	REMARKS.
	Direct Revenue.			Indirect Revenue.			Grand Total.							
	Water Revenue.	Share of Wells and other.	Total.	Water Revenue.	Share of well measurement.	Difference between dry and wet rates.	Total.	Rs.	Rs.	Rs.				
Water Revenue.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Water Revenue.	2,135	424	2,559	—	—	—	—	—	2,559	1,361	1,531	—	—	—
Water Revenue.	2,375	473	2,848	—	—	—	—	—	2,848	712	2,116	—	—	—
Water Revenue.	1,115	135	1,250	—	—	—	—	—	1,250	747	503	—	—	—
Total	5,625	1,032	6,657	—	—	—	—	—	6,657	2,817	3,910	—	—	—
Water Revenue.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Water Revenue.	2,702	1,139	3,841	1,064	12,171	3,095	32,295	32,295	32,295	92	29,941	—	—	—
Water Revenue.	2,314	1,521	3,835	11,814	10,751	2,063	24,877	24,877	24,877	129	29,773	—	—	—
Water Revenue.	1,115	135	1,250	453	12,878	573	17,937	17,937	17,937	63	19,111	—	—	—
Total	6,131	2,805	8,936	12,331	35,794	7,231	74,157	74,157	74,157	274	73,883	—	—	—
Total	11,756	4,837	16,593	12,331	35,794	7,231	74,157	74,157	74,157	3,091	71,066	—	—	—

E. C. GIBSON, I.C.S.,

# I-E.

## Statement of Areas Irrigated by Irrigation Works in the Ajmer-Merwara District during the year 1922-23.

Class of works.	AREAS IRRIGATED AND UNIRRIGATED IN ACRES.										AVERAGE DISCHARGES CUBIC FEET PER SECOND.				AREA- IRRIGATED PER CUBIC FOOT PER SECOND.				REMARKS.
	KHARIF.		RABI.		Total.	Flow.	Lift.	DOUBLE CROPPED.		AT HEAD.		UTILISED.		DISCHARGED AT H.T.D.		UTILISED.			
	Irrigated.	Unirrigated.	Irrigated.	Unirrigated.				Area irrigated.	Percentage of total area.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
CROP RATE TANKS.																			
Ajmer . . . . .	240	119	168½	182½	709½	401	7½	41	5·8	...	...	...	...	...	...	...	...	...	
Beawar . . . . .	107½	156½	31½	240½	816½	47½	372	42	5·10	...	...	...	...	...	...	...	...	...	
Todgarh . . . . .	72	70	158	109½	409½	32	198	37	9·05	...	...	...	...	...	...	...	...	...	
Total . . . . .	419½	345½	638½	532	1,935½	480½	577½	120	6·2	...	...	...	...	...	...	...	...	...	
FIXED AND VARIABLY ASSESSED TANKS.																			
Ajmer . . . . .	3,996½	222	1,548½	900	6,667	5,344	201	1,205	18·	...	...	...	...	...	...	...	...	...	
Beawar . . . . .	906½	2,103	1,257½	2,923½	7,189½	1,474	689½	151	2·1	...	...	...	...	...	...	...	...	...	
Todgarh . . . . .	621	578½	437	1,181½	2,317½	763½	234½	48	1·7	...	...	...	...	...	...	...	...	...	
Total . . . . .	5,523½	2,903½	3,242½	5,004½	16,674½	7,581½	1,184½	1,40½	8·4	...	...	...	...	...	...	...	...	...	
GRAND TOTAL . . . . .	5,943½	3,248½	3,881	55,36½	18,809½*	8,062½	1,762½	1,52½	8·2	...	...	...	...	...	...	...	...	...	

\* The increase of 108½ acres (irrigated and unirrigated area) as compared with Statement III-E is due to the fact that the figures of certain villages were revised and completed after submission of the latter statement.

E. C. GIBSON, I.C.S.,

Commissioner, Ajmer-Merwara.



# P. W. D. Statement I-E.

Statement of Areas irrigated by Irrigation Works in the Ajmer-Merwara District during the year 1922-23.

Name of works.	AREAS IRRIGATED IN ACRES.						AVERAGE DISCHARGE CUBIC FEET PER SECOND.				AREA IRRIGATED CUBIC FEET PER SECOND.				REMARKS.	
	Kharif.	Rabi.	Total.	Flow.	Lift.	DOUBLE CROPPED.		AT HEAD.		UTILISED.		DISCHARGE AT HEAD.		UTILISED.		
						Area irrigated.	Percentage total area.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.		Rabi.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Bir . . . . .	10½	...	10½	10½	...	...	...	...	...	...	...	...	...	...	...	4 M. Cubic Feet.
Rajol . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.45 " "
Jalia New Tank . . . . .	3½	30½	34½	...	34½	...	...	...	...	...	...	...	...	...	...	Tank had no water above sluice level and therefore no measurements were taken.
Balad New and Old Tank . . . . .	17½	184	151½	5½	145½	...	...	...	...	...	...	...	...	...	...	$\frac{15.49}{151\frac{1}{2}} = 10\frac{1}{4}$ M. C. feet per acre.
Chilar Tank . . . . .	2	26	28	...	28	...	...	...	...	...	...	...	...	...	...	$\frac{2.33}{28} = .08$ M. C. feet per acre.

E. O. GIBSON, I.C.S.,  
Commissioner, Ajmer-Merwara.

## II-E.

Statement showing incidence of Working Expenses and assessed water Revenue in Ajmer-Merwara, during the year 1922-23.

Class of works.	Average discharge of the year at foot head in cubic feet per second.	WATER REVENUE ASSESSED.				Working expenses, Direct and Indirect.	Area irrigated during the year.	Working Expenses.		WATER REVENUE ASSESSED.		Remarks.
		Direct.	Indirect.	Miscellaneous.	Total.			Re.	Rs.	Per acre irrigated.	Direct.	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>CROP RATE TAXES.</b>												
Ajmer Sub-Collectorate	...	2,185	...	491	2,676	Rs.	Acres.	607	23	63	...	
Barwar	...	2,375	...	453	2,828	712	419	252	17	34	...	
odgarh	...	1,115	...	135	1,250	717	230	603	32	40	...	
<b>TOTAL</b>	...	5,675	...	1,082	6,757	2,817	1,078	416	27	63	...	
<b>FIXED AND VARIABLY ASSESSED TAXES.</b>												
Ajmer Sub-Collectorate	...	2,297	32,008	1,808	36,713	92	5,515	25	02	4	60	
Barwar	...	2,784	25,887	1,221	29,892	139	2,163	43	06	13	119	
odgarh	...	1,019	17,937	198	19,154	43	1,068	22	01	9	169	
<b>TOTAL</b>	...	6,100	76,432	3,227	85,759	274	8,766	32	03	7	87	
<b>GRAND TOTAL</b>	...	11,775	76,432	4,309	92,516	3,091	9,824	24	3	12	77	

# P. W. D. Statement II-E.

Statement showing incidence of Working Expenses and assessed water Revenue on Tanks in Ajmer and Beawar Tahsils for 1922-23.

Name of work.	WATER RATE ASSESSED.					Gross assessed revenue from all sources.	Working expenses, direct or indirect.	Area irrigated during the year.	WORKING EXPENSES.			OCCUPIER'S RATE.		TOTAL WATER RATE, DIRECT AND INDIRECT.		REMARKS.	
	Average discharge of the year at canal head, cubic feet per second.	Occupier's.	Owner's.	Direct.	Indirect.				Total direct and indirect.	Percentage on Gross revenue.	Per acre irrigated.	Per cubic feet per second of discharge of canal head.	Per acre irrigated.	Per cubic feet per second of discharge of canal head.	Per acre irrigated.		Per cubic feet per second of discharge of canal head.
1		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Mir . . . . .	..	Rs. A. R. 1 14 0	R. . .	Rs. 20	..	Rs. 20	Rs. 77	Rs. A. R. 148 0 0	10½	More than 1409 cent per cent.	Rs. A. R. 1409	..	Rs. A. R. 1 14 0	..	Rs. A. R. 1 14 0	..	
Rajpal . . . . .	..	..	..	..	..	..	12	147 0 0	..	" /	..	..	..	..	..	..	
Jalia Tank . . . . .	..	..	..	929	..	922	1,670	252 13 0	151½	208	1 8 9	..	..	..	6 2 0	..	
Pakli Nore and Gili Tank.	..	..	..	478	..	478	585	183 13 0	31½	825	5 4 0	..	..	..	13 10 0	..	
Chhar Tank . . . . .	..	..	..	112	..	112	139	124 14 0	28	89-2	4 7 0	..	..	..	4 0 0	..	

E. C. GIBSON, I.C.S.,  
Commissioner, Ajmer-Merwara.

Name of Crops.	CROP RATE TANKS.										VALUATION IN INDIAN RUPEES.										
	AJMER SUB-COLLECTORATE.					MERWARA SUB-COLLECTORATE.					AJMER SUB-COLLECTORATE.					MERWARA SUB-COLLECTORATE.					
	Area.	Estimated value.	Revenue Area.		Total.	Area.	Estimated value.	Revenue Area.		Total.	Area.	Estimated value.	Revenue Area.		Total.	Area.	Estimated value.	Revenue Area.		Total.	
			Rs.	As.				Rs.	As.				Rs.	As.				Rs.	As.		Rs.
Gardens and Orchards { Vegetable, fruit and other trees.	Acres.	Rs.	As.	Acres.	Rs.	As.	Acres.	Rs.	As.	Acres.	Rs.	As.	Acres.	Rs.	As.	Acres.	Rs.	As.	Acres.	Rs.	As.
Sugarcane . . . . .	80	121	3	15	210	15	15	115	15	121	3	15	15	210	15	15	115	15	121	3	15
Cereals { Wheat . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Barley . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Rice . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Maize . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Jowar . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Bajra . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Mixed grains . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Oil seeds— { Grams . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Mustard . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Chola, Urad, etc. . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Fodder Crops—Lucerne, etc. . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Fibres—Cotton . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Oil seeds—Jil . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Drugs and Tobacco . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Miscellaneous { Nitration . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
Land insufficiently irrigated . . . . .	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3	100	35	3
TOTAL	700	31,925	733,25,700-4	101	57,02	1,001	70,027-4	25,125	71,752,30,016	275	28,100-12,000	2,810,000	2,810,000	2,810,000	2,810,000	2,810,000	2,810,000	2,810,000	2,810,000	2,810,000	

J. A. O. FITZPATRICK, I.C.S.,

Commissioner, Ajmer-Merwara.

## Comparative Statement of Irrigation and Rainfall for the year 1922-1923 in the Ajmer-Merwara District.

Civil District.	Of the Civil District.		Works Supplying Irrigation.		Culturable area commanded by the Irrigation Works in column 6 in acres.	Area at present estimated as annually irrigable by the works specified in column 6.	Area Irrigated in Acres.						Rainfall Inches.		
	Total area in acres.	Cultivated area in acres.	No.	Name			1921-1922.			1922-1923.					
							Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Upper Merwara.															
Ajmer Sub-Division															
Bawar Do.						...	1,497	212½	524½	738	210	108½	408½		
Todgarh Do.						...	1,750	539½	1,045½	1,805½	107½	298½	406½		
Total						...	351	199½	2,471½	3,893½	72	157½	229½		
Lower Merwara.															
Ajmer Sub-Division						...	3,598	909½	1,817½	2,726½	419½	924½	1,011½		
Bawar Do.						12,412	12,916	3,925	9,723	7,647	3,384½	566	2,970½		
Todgarh Do.						2,318	3,700	2,671	955½	3,913	439½	918½	1,387½		
Total						740	981	116½	1,394½	2,551½	115	194	290		
Forest Merwara.															
Ajmer Sub-Division						15,470	17,537	6,000½	1,816½	10,015½	3,038½	1,708½	5,617		
Bawar Do.						4,869	5,170	70	20	100	612	982½	1,504½		
Todgarh Do.						3,129	3,300	2300	473½	2,773½	467	309	776		
Total						1,717	1,957	739½	281	1,017½	575	221	726		
Grand Total						27,215	31,622	10,116½	7,418½	17,533½	5,912½	3,815½	9,788		

Notes: 1. The area of the Civil District is brought from two or more Irrigation Works, columns 7-14 inclusive should be totalled separately for each Civil District.

Notes.—(1) The Civil District is reported from two more Irrigation Works, columns 7—14 inclusive should be totalled separately for each Civil District to irrigated.

# Statement F.

Statement showing the Operations of Irrigation Works in the Ajmer-Merwara District for the year 1922-23.

Class of works.	AMOUNT DUE, 1922-1923.						REMISSIONS.		SURRESNCTIONS.		BALANCE.					REMARKS.
	WATER REVENUE.		Miscellaneous.	Share of Well Assessment.	Difference between wet and dry rates.	Total.	Kharif.	Rabi.	Kharif.	Rabi.	WATER REVENUE.		Share of C.A. Assessment.	Difference between wet and dry rates.	Total.	
	Kharif.	Rabi.									Kharif.	Rabi.				
CROP RATE TAXES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
ner Sub-Collectorate	1,182	1,003	494	...	...	2,679	...	...	...	...	3,182	1,073	194	...	2,679	
war do.	751	1,624	453	...	...	2,828	...	...	...	...	751	1,241	153	...	2,828	
garh do.	508	807	135	...	...	1,350	...	...	...	...	508	907	153	...	1,350	
Total	2,241	3,434	1,082	...	...	6,757	...	...	...	...	2,241	3,434	1,082	...	6,757	
VARIABLE AND FIXED TAXES.																
ner	13,250	5,670	1,808	12,471	3,503	36,713	...	...	...	...	13,250	5,670	1,808	12,471	3,503	36,713
war	5,770	8,828	1,221	10,769	3,304	29,892	...	...	...	...	5,770	8,828	1,221	10,769	3,304	29,892
garh	2,376	3,436	198	12,558	586	19,154	...	...	...	...	2,376	3,436	198	12,558	586	19,154
Total	21,396	17,943	3,227	35,798	7,395	83,759	...	...	...	...	21,396	17,943	3,227	35,798	7,395	83,759
GRAND TOTAL	23,637	21,377	4,309	35,798	7,395	92,516	...	...	...	...	23,637	21,377	4,309	35,798	7,395	92,516

E. C. GIBSON, I.C.S.,

Commissioner, Ajmer-Merwara.

## Statement

## Statement of experimental cuttings of crops in Ajmer-Merwara

Tank.	Village.	Name of cultivator.	Harvest and area of field.	Area cut.	Distance of field from tank.	Whether irrigated by lift or flow and number of waterings.	Weight of grain cut.
1	2	3	4	5	6	7	8
AJMER TEHSIL.				Big. Bis.			Mds. s. ch.
Chat . . .	Chat . . .	Ram Nath, son of Pratap Jat.	<i>Kharif.</i> Cotton field, No. 308, 1 Bigha, 19½ Biswas.	1—19½	About 1,400 feet.	Flow 2 waterings	8 0 0
Do. . . .	Do. . . .	Chhogu, son of Parsa Balai.	<i>Rabi.</i> Gujji field, No. 197 10', 2 Bighas, 18 Biswas.	2—18	In the bed of tank.	Agor (bed)	7 0 0
Jagpura . . .	Jagpura . . .	Sanota, son of Ghisa Jat.	<i>Kharif.</i> Maize field, No. 343, 1 Bigha, 5 Biswas.	1—5	About 300 feet.	Flow 1 watering	5 0 0
Do. . . .	Do. . . .	Deva, son of Jai Ram Balai.	<i>Kharif.</i> Cotton field, No. 375, 1 Bigha, 5½ Biswas.	1—5½	About 400 feet.	Flow 2 waterings	4 0 0
Nirjaran . . .	Nirjaran . . .	Magna, son of Gaisha Khati.	<i>Kharif.</i> Cotton field, No. 473, 2 Bighas.	2—0	About 1,000 yds.	Flow 1 watering	8 0 0
Do. . . .	Do. . . .	Sawai, son of Gudha Gujar.	<i>Kharif.</i> Maize field, No. 793, 3 Bighas, 5½ Biswas.	3—5½	About 800 yds.	Flow 1 watering	20 0 0
BEAWAR TEHSIL.							
Nil.							
TODGARH TEHSIL.							
Nadinala . . .	Barar . . .	Lala, son of Jassa	<i>Kharif.</i> Maize field, 1 Bigha, 4 Biswas.	0—5	440 yards.	Flow 1 watering	205 lbs.

